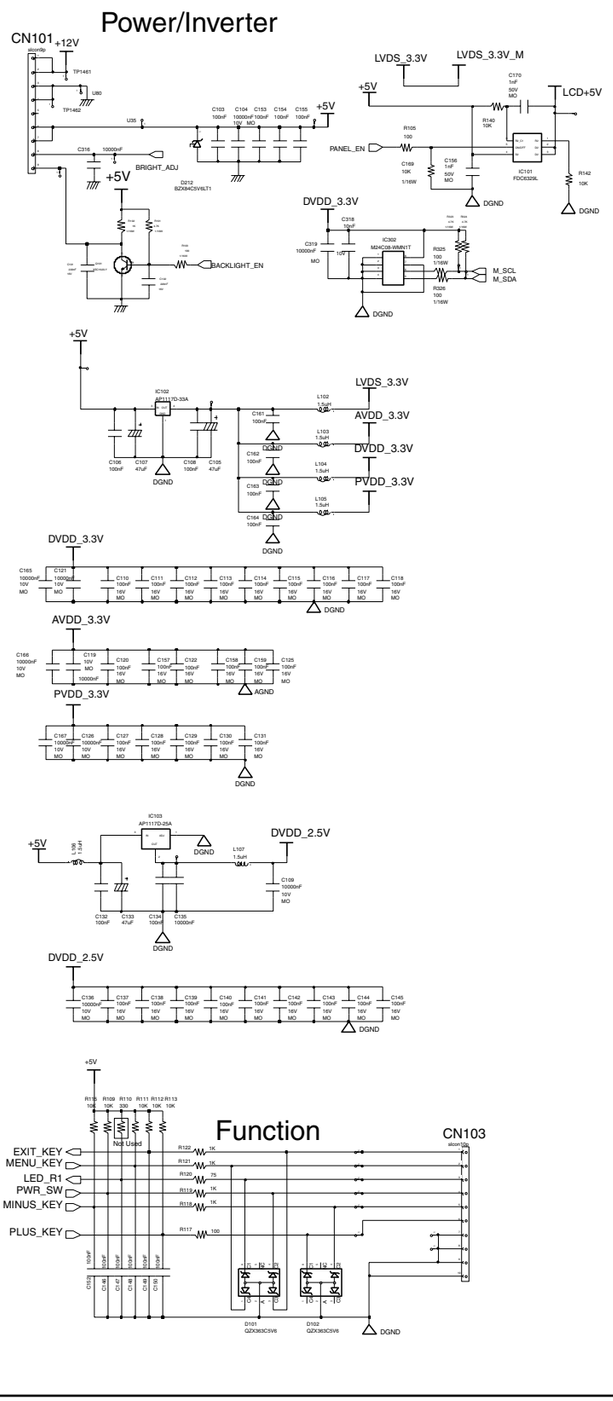
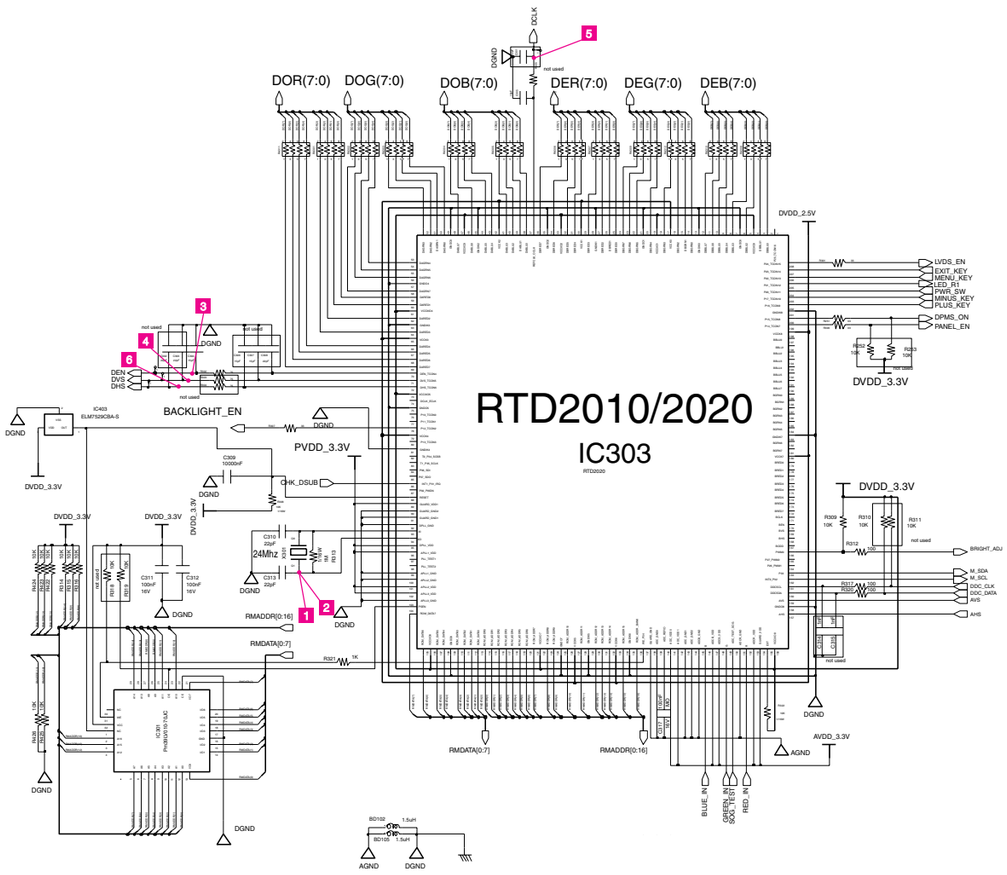
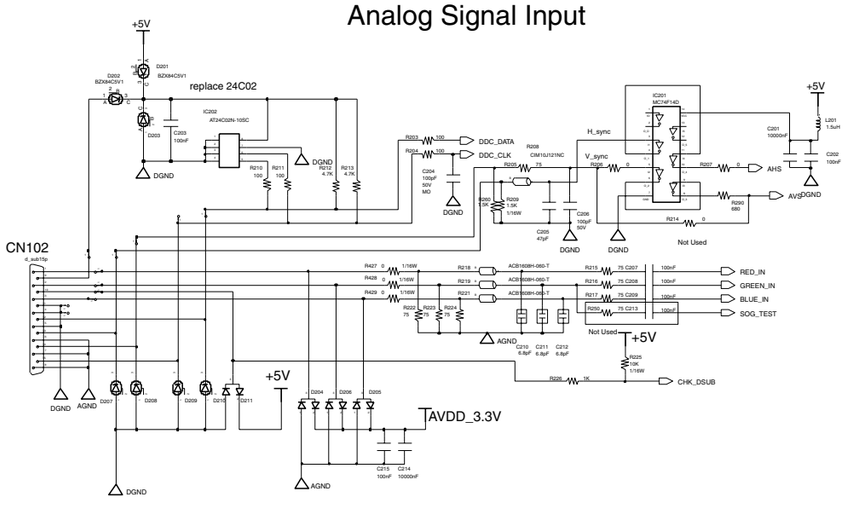
11 Schematic Diagrams

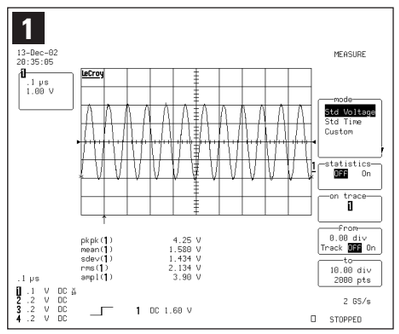
❇ This Document can not be used without Samsung's authorization.

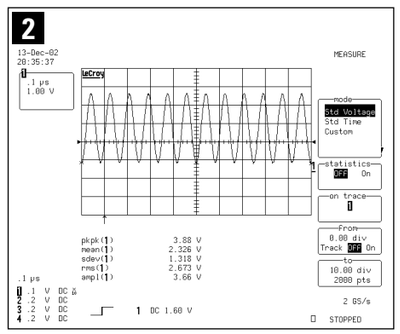
11-1-1 GY17CS* Schematic Diagram

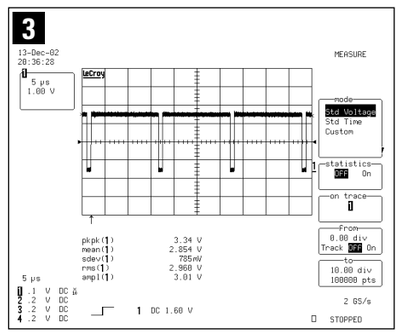


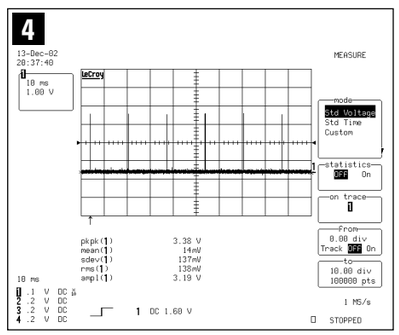


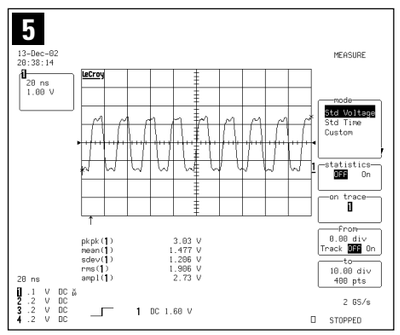


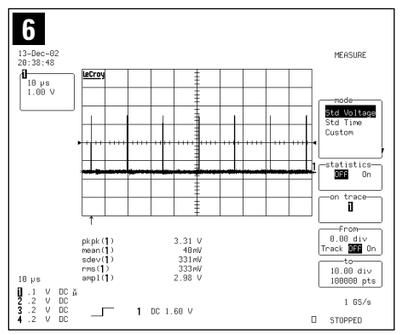

1
13-Dec-02
20:35:05
MEASURE
.1 µs
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
2000 pts
pkpk(1) 4.25 V
mean(1) 1.580 V
sdev(1) 1.434 V
rms(1) 2.134 V
ampl(1) 3.90 V
.1 µs
1 .1 V DC
2 .2 V DC
3 .2 V DC
4 .2 V DC
1 DC 1.60 V
2 GS/s
STOPPED


2
13-Dec-02
20:35:37
MEASURE
.1 µs
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
2000 pts
pkpk(1) 3.88 V
mean(1) 2.326 V
sdev(1) 1.318 V
rms(1) 2.673 V
ampl(1) 3.66 V
.1 µs
1 .1 V DC
2 .2 V DC
3 .2 V DC
4 .2 V DC
1 DC 1.60 V
2 GS/s
STOPPED


3
13-Dec-02
20:36:28
MEASURE
5 µs
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
100000 pts
pkpk(1) 3.34 V
mean(1) 2.854 V
sdev(1) 705mV
rms(1) 2.960 V
ampl(1) 3.01 V
5 µs
1 .1 V DC
2 .2 V DC
3 .2 V DC
4 .2 V DC
1 DC 1.60 V
2 GS/s
STOPPED

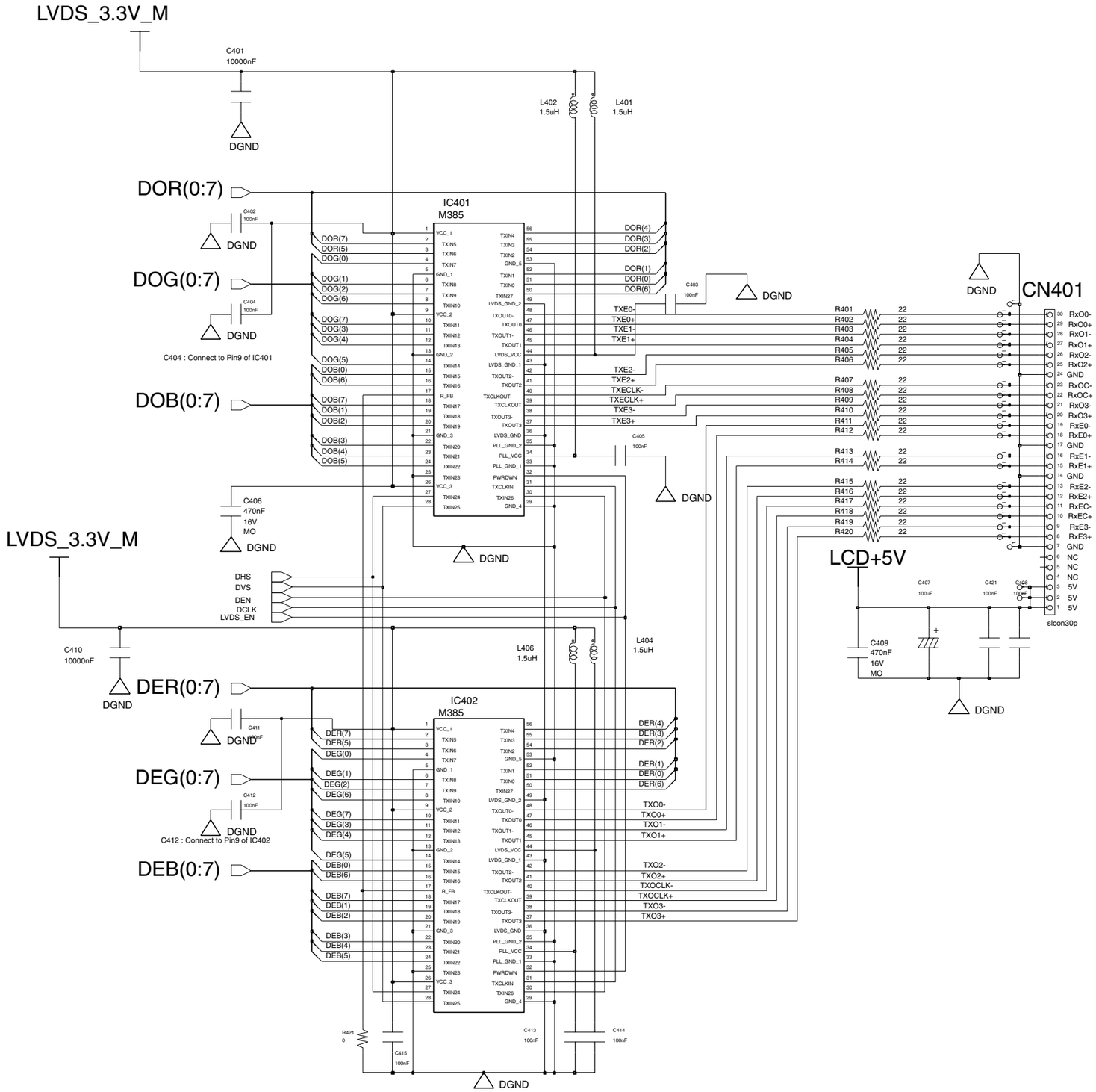

4
13-Dec-02
20:37:40
MEASURE
10 ms
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
100000 pts
pkpk(1) 3.38 V
mean(1) 14mV
sdev(1) 137mV
rms(1) 138mV
ampl(1) 3.19 V
10 ms
1 .1 V DC
2 .2 V DC
3 .2 V DC
4 .2 V DC
1 DC 1.60 V
1 MS/s
STOPPED


5
13-Dec-02
20:38:14
MEASURE
20 ns
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
400 pts
pkpk(1) 3.03 V
mean(1) 1.477 V
sdev(1) 1.286 V
rms(1) 1.906 V
ampl(1) 2.73 V
20 ns
1 .1 V DC
2 .2 V DC
3 .2 V DC
4 .2 V DC
1 DC 1.60 V
2 GS/s
STOPPED


6
13-Dec-02
20:38:48
MEASURE
10 µs
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
100000 pts
pkpk(1) 3.31 V
mean(1) 40mV
sdev(1) 331mV
rms(1) 333mV
ampl(1) 2.98 V
10 µs
1 .1 V DC
2 .2 V DC
3 .2 V DC
4 .2 V DC
1 DC 1.60 V
1 GS/s
STOPPED

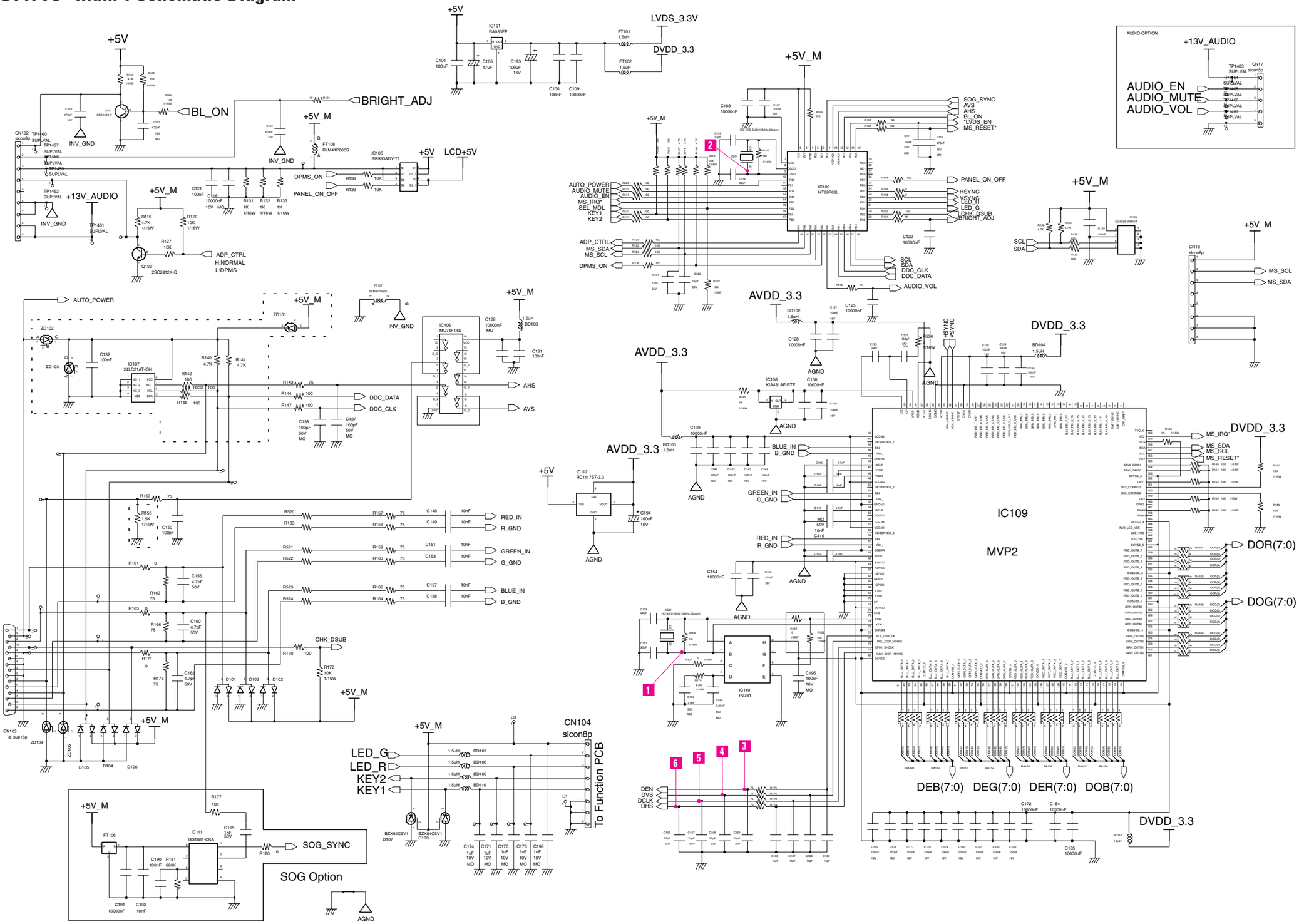
❊ This Document can not be used without Samsung's authorization.

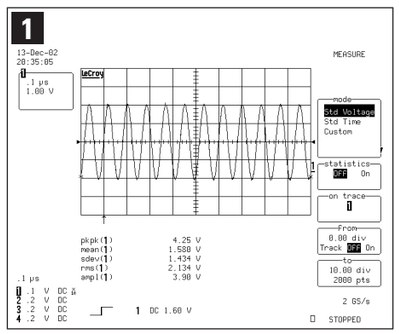
11-1-2 GY17CS* Schematic Diagram

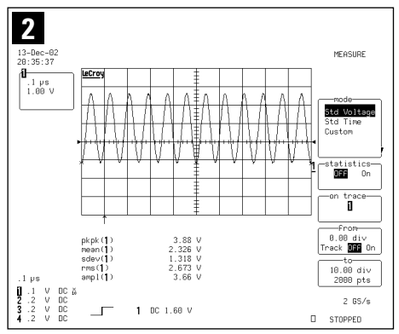


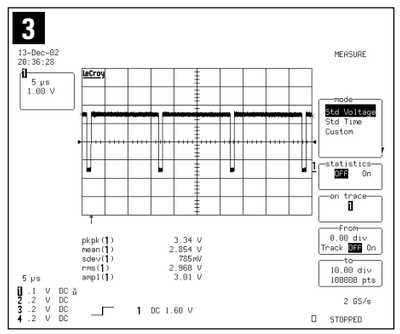
❊ This Document can not be used without Samsung's authorization.

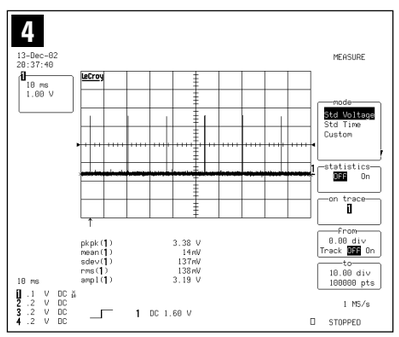
11-2-1 GY17VS* Main 1 Schematic Diagram

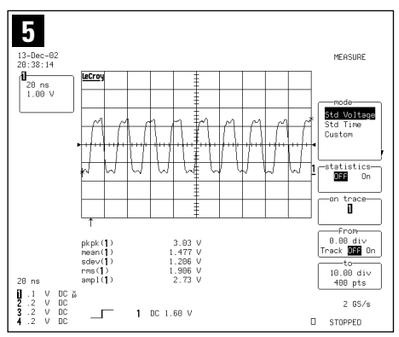


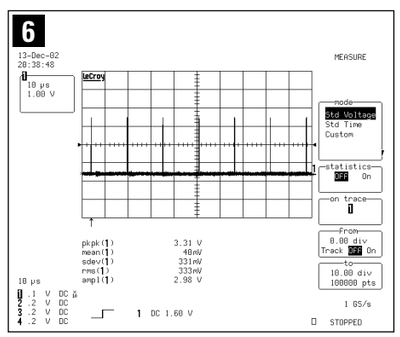

1
13-Dec-02
20:35:05
MEASURE
.1 µs
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
2000 pts
pkpk(1) 4.25 V
mean(1) 1.580 V
sdev(1) 1.434 V
rms(1) 2.134 V
ampl(1) 3.90 V
.1 µs
1 DC 1.60 V
2 GS/s
STOPPED


2
13-Dec-02
20:35:37
MEASURE
.1 µs
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
2000 pts
pkpk(1) 3.88 V
mean(1) 2.326 V
sdev(1) 1.318 V
rms(1) 2.673 V
ampl(1) 3.66 V
.1 µs
1 DC 1.60 V
2 GS/s
STOPPED


3
13-Dec-02
20:36:28
MEASURE
5 µs
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
100000 pts
pkpk(1) 3.34 V
mean(1) 2.854 V
sdev(1) 705mV
rms(1) 2.960 V
ampl(1) 3.01 V
5 µs
1 DC 1.60 V
2 GS/s
STOPPED

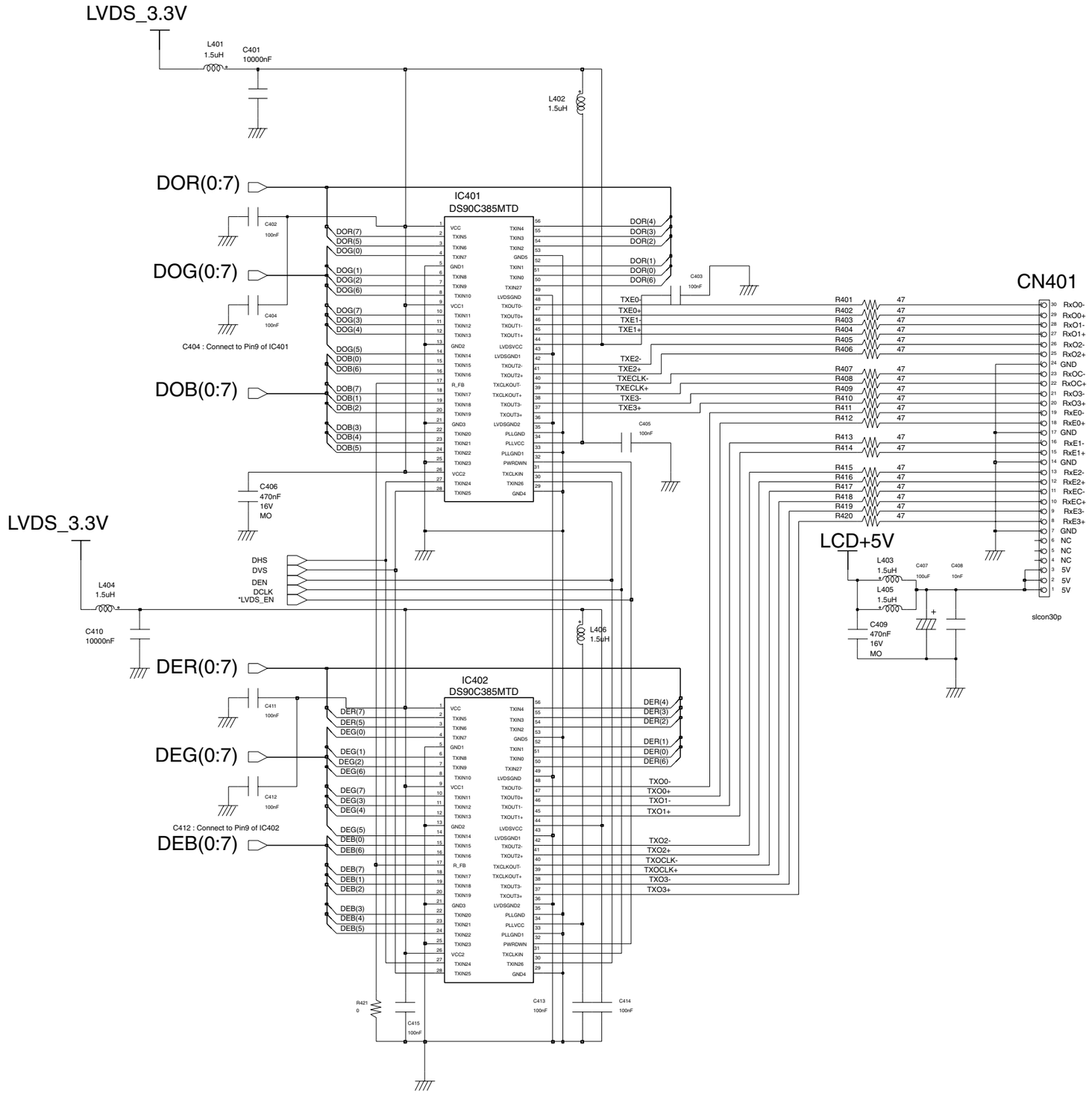

4
13-Dec-02
20:37:40
MEASURE
10 ms
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
100000 pts
pkpk(1) 3.38 V
mean(1) 14mV
sdev(1) 137mV
rms(1) 138mV
ampl(1) 3.19 V
10 ms
1 DC 1.60 V
1 MS/s
STOPPED


5
13-Dec-02
20:38:14
MEASURE
20 ns
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
400 pts
pkpk(1) 3.03 V
mean(1) 1.477 V
sdev(1) 1.286 V
rms(1) 1.906 V
ampl(1) 2.73 V
20 ns
1 DC 1.60 V
2 GS/s
STOPPED


6
13-Dec-02
20:38:48
MEASURE
10 µs
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
100000 pts
pkpk(1) 3.31 V
mean(1) 40mV
sdev(1) 331mV
rms(1) 333mV
ampl(1) 2.98 V
10 µs
1 DC 1.60 V
1 GS/s
STOPPED

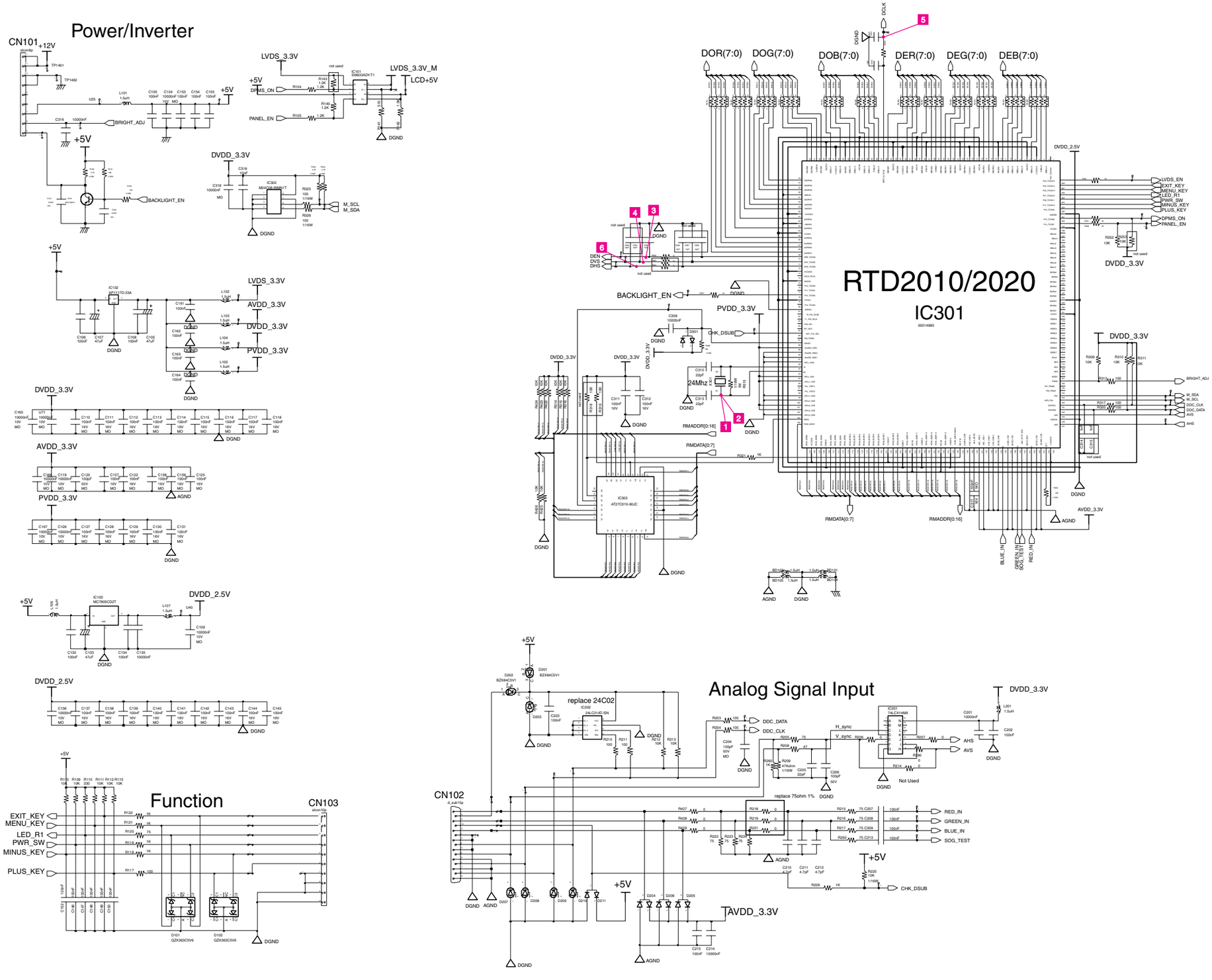
❊ This Document can not be used without Samsung's authorization.

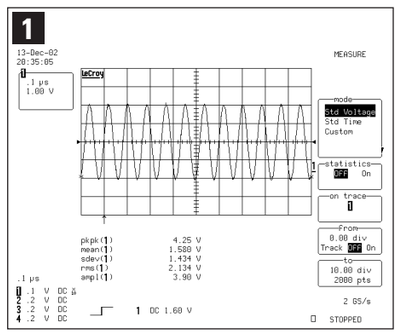
11-2-2 GY17VS* Main 1 Schematic Diagram

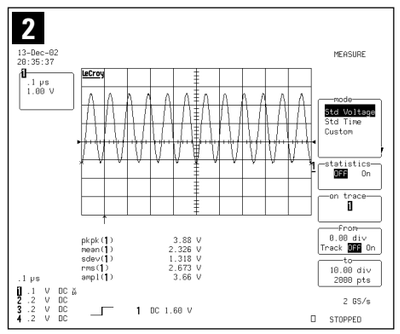


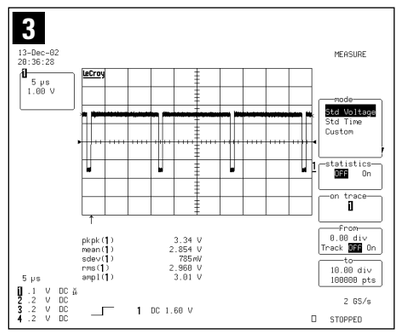
❊ This Document can not be used without Samsung's authorization.

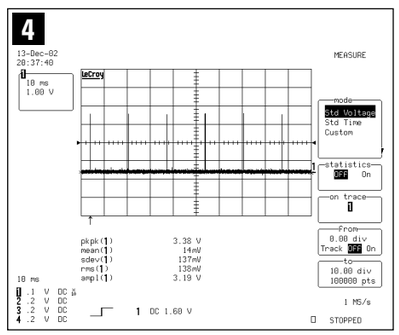
11-2-3 GY17VS* Main 2 Schematic Diagram

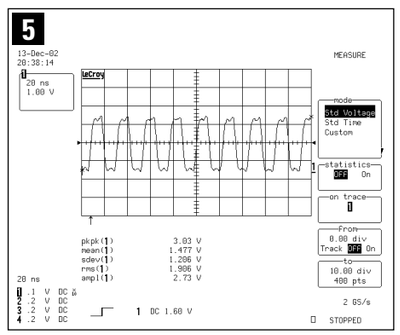


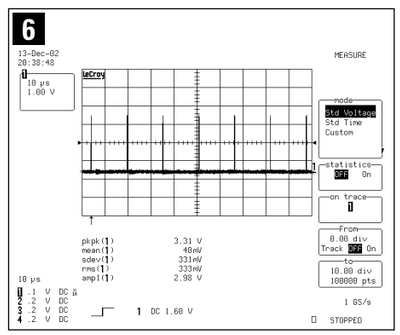

1
13-Dec-02
20:35:05
MEASURE
.1 µs
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
2000 pts
pkpk(1) 4.25 V
mean(1) 1.580 V
sdev(1) 1.434 V
rms(1) 2.134 V
ampl(1) 3.90 V
.1 µs
1 .1 V DC
2 .2 V DC
3 .2 V DC
4 .2 V DC
1 DC 1.60 V
2 GS/s
STOPPED


2
13-Dec-02
20:35:37
MEASURE
.1 µs
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
2000 pts
pkpk(1) 3.88 V
mean(1) 2.326 V
sdev(1) 1.318 V
rms(1) 2.673 V
ampl(1) 3.66 V
.1 µs
1 .1 V DC
2 .2 V DC
3 .2 V DC
4 .2 V DC
1 DC 1.60 V
2 GS/s
STOPPED


3
13-Dec-02
20:36:28
MEASURE
5 µs
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
100000 pts
pkpk(1) 3.34 V
mean(1) 2.854 V
sdev(1) 705mV
rms(1) 2.960 V
ampl(1) 3.01 V
5 µs
1 .1 V DC
2 .2 V DC
3 .2 V DC
4 .2 V DC
1 DC 1.60 V
2 GS/s
STOPPED

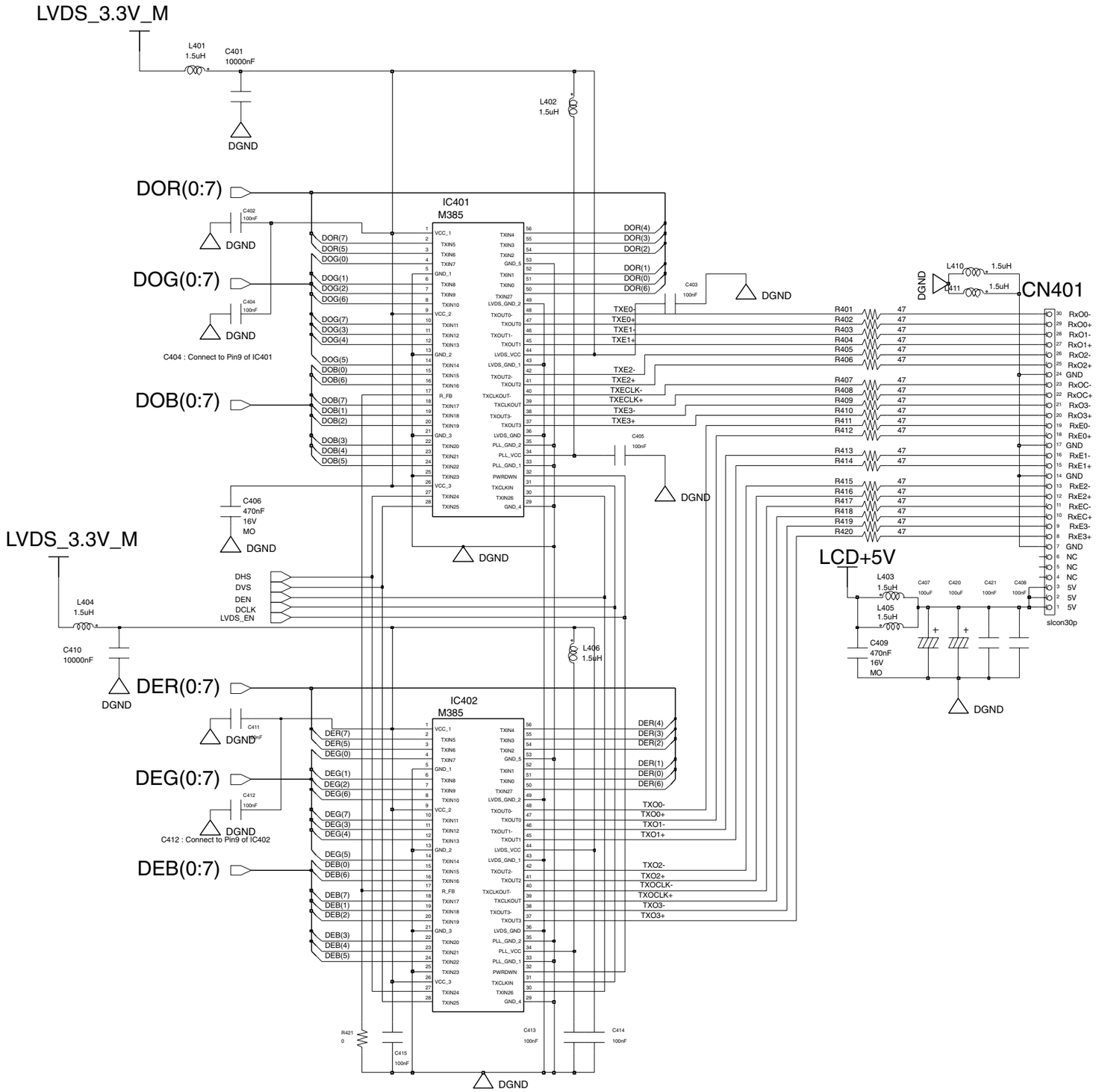

4
13-Dec-02
20:37:40
MEASURE
10 ms
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
100000 pts
pkpk(1) 3.38 V
mean(1) 14mV
sdev(1) 137mV
rms(1) 138mV
ampl(1) 3.19 V
10 ms
1 .1 V DC
2 .2 V DC
3 .2 V DC
4 .2 V DC
1 DC 1.60 V
1 MS/s
STOPPED


5
13-Dec-02
20:38:14
MEASURE
20 ns
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
400 pts
pkpk(1) 3.03 V
mean(1) 1.477 V
sdev(1) 1.286 V
rms(1) 1.906 V
ampl(1) 2.73 V
20 ns
1 .1 V DC
2 .2 V DC
3 .2 V DC
4 .2 V DC
1 DC 1.60 V
2 GS/s
STOPPED


6
13-Dec-02
20:38:48
MEASURE
10 µs
1.00 V
LeCroy
mode
Std Voltage
Std Time
Custom
statistics
OFF On
on trace
1
from
0.00 div
Track OFF On
to
10.00 div
100000 pts
pkpk(1) 3.31 V
mean(1) 40mV
sdev(1) 331mV
rms(1) 333mV
ampl(1) 2.98 V
10 µs
1 .1 V DC
2 .2 V DC
3 .2 V DC
4 .2 V DC
1 DC 1.60 V
1 GS/s
STOPPED

❊ This Document can not be used without Samsung's authorization.

11-2-4 GY17VS* Main 2 Schematic Diagram



Memo